KELATE®MR138
Reactive conversion coat for steel with barrier function

BENEFITS

⇒ Penetrates the steel surface after removal of loose rust.
⇒ Neutralises, stabilises and transforms iron oxides into a water insoluble metallo-organic complex.
⇒ Combines an electrochemical function to a physical barrier function.
⇒ Adhesion promoter for subsequent metal coating systems, including fillers.
⇒ VOC-free temporary protection of steel due to its barrier properties.

HOW TO USE

Remove dirt, grease, oil, paint and wax residues.
Thorough scraping, wire brushing, machine brushing, grinding, sanding to preparation grade CSt2-DSt2 ISO 8501-1:1988.
Soluble salts and other contaminants are washed down with fresh mater.

Stiff brush or roller: 1 single application without excess.
Coverage: 15-20 sq.m / litre.

Air spray application:
Nozzle orifice mm 1.3-1.5
Nozzle pressure bar 3-4

Application conditions outdoor/indoor:
Temperature: 5°C – 35°C

Drying time: 3 hours.
The surface turns completely blue-black.

SYSTEM INFORMATION

⇒ Colour: off-white turning blue-black after reaction with iron oxides.
⇒ Cleaning of tools: fresh water
⇒ Shelf life: 1 year – protected from freezing, away from sun.
⇒ Storage temperature: minimum +5°C - maximum +35°C in plastic container only.
⇒ Protect from freezing and bright sunshine.

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